

Sequence Listing

<110> De Sauvage, Frederic
Grewal, Iqbal
Gurney, Austin L.

<120> TYPE I CYTOKINE RECEPTOR TCCR

<130> P1748R1

<141> 2000-10-18

<150> US 60/160,542

<151> 1999-10-20

<160> 16

<210> 1

<211> 636

<212> PRT

<213> Homo sapiens

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Arg	Pro	Gln	Gly	Ser	Ala	Gly	Pro	Leu	Gln	Cys	Tyr	Gly	Val	Gly	35	40	45	
Pro	Leu	Gly	Asp	Leu	Asn	Cys	Ser	Trp	Glu	Pro	Leu	Gly	Asp	Leu	50	55	60	
Gly	Ala	Pro	Ser	Glu	Leu	His	Leu	Gln	Ser	Gln	Lys	Tyr	Arg	Ser	65	70	75	
Asn	Lys	Thr	Gln	Thr	Val	Ala	Val	Ala	Ala	Gly	Arg	Ser	Trp	Val	80	85	90	
Ala	Ile	Pro	Arg	Glu	Gln	Leu	Thr	Met	Ser	Asp	Lys	Leu	Leu	Val	95	100	105	
Trp	Gly	Thr	Lys	Ala	Gly	Gln	Pro	Leu	Trp	Pro	Pro	Val	Phe	Val	110	115	120	
Asn	Leu	Glu	Thr	Gln	Met	Lys	Pro	Asn	Ala	Pro	Arg	Leu	Gly	Pro	125	130	135	
Asp	Val	Asp	Phe	Ser	Glu	Asp	Asp	Pro	Leu	Glu	Ala	Thr	Val	His	140	145	150	
Trp	Ala	Pro	Pro	Thr	Trp	Pro	Ser	His	Lys	Val	Leu	Ile	Cys	Gln	155	160	165	
Phe	His	Tyr	Arg	Arg	Cys	Gln	Glu	Ala	Ala	Trp	Thr	Leu	Leu	Glu	170	175	180	
Pro	Glu	Leu	Lys	Thr	Ile	Pro	Leu	Thr	Pro	Val	Glu	Ile	Gln	Asp	185	190	195	

Leu	Glu	Leu	Ala	Thr	Gly	Tyr	Lys	Val	Tyr	Gly	Arg	Cys	Arg	Met
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Glu	Lys	Glu	Glu	Asp	Leu	Trp	Gly	Glu	Trp	Ser	Pro	Ile	Leu	Ser
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Phe	Gln	Thr	Pro	Pro	Ser	Ala	Pro	Lys	Asp	Val	Trp	Val	Ser	Gly
				230					235					240
Asn	Leu	Cys	Gly	Thr	Pro	Gly	Gly	Glu	Glu	Pro	Leu	Leu	Leu	Trp
				245					250					255
Lys	Ala	Pro	Gly	Pro	Cys	Val	Gln	Val	Ser	Tyr	Lys	Val	Trp	Phe
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Trp	Val	Gly	Gly	Arg	Glu	Leu	Ser	Pro	Glu	Gly	Ile	Thr	Cys	Cys
				275					280					285
Cys	Ser	Leu	Ile	Pro	Ser	Gly	Ala	Glu	Trp	Ala	Arg	Val	Ser	Ala
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Val	Asn	Ala	Thr	Ser	Trp	Glu	Pro	Leu	Thr	Asn	Leu	Ser	Leu	Val
				305					310					315
Cys	Leu	Asp	Ser	Ala	Ser	Ala	Pro	Arg	Ser	Val	Ala	Val	Ser	Ser
				320					325					330
Ile	Ala	Gly	Ser	Thr	Glu	Leu	Leu	Val	Thr	Trp	Gln	Pro	Gly	Pro
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Gly	Glu	Pro	Leu	Glu	His	Val	Val	Asp	Trp	Ala	Arg	Asp	Gly	Asp
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Pro	Leu	Glu	Lys	Leu	Asn	Trp	Val	Arg	Leu	Pro	Pro	Gly	Asn	Leu
				365					370					375
Ser	Ala	Leu	Leu	Pro	Gly	Asn	Phe	Thr	Val	Gly	Val	Pro	Tyr	Arg
				380					385					390
Ile	Thr	Val	Thr	Ala	Val	Ser	Ala	Ser	Gly	Leu	Ala	Ser	Ala	Ser
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Ser	Val	Trp	Gly	Phe	Arg	Glu	Glu	Leu	Ala	Pro	Leu	Val	Gly	Pro
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Thr	Leu	Trp	Arg	Leu	Gln	Asp	Ala	Pro	Pro	Gly	Thr	Pro	Ala	Ile
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Ala	Trp	Gly	Glu	Val	Pro	Arg	His	Gln	Leu	Arg	Gly	His	Leu	Thr
				440					445					450
His	Tyr	Thr	Leu	Cys	Ala	Gln	Ser	Gly	Thr	Ser	Pro	Ser	Val	Cys
				455					460					465
Met	Asn	Val	Ser	Gly	Asn	Thr	Gln	Ser	Val	Thr	Leu	Pro	Asp	Leu
				470					475					480
Pro	Trp	Gly	Pro	Cys	Glu	Leu	Trp	Val	Thr	Ala	Ser	Thr	Ile	Ala
				485					490					495

Gly	Gln	Gly	Pro	Pro	Gly	Pro	Ile	Leu	Arg	Leu	His	Leu	Pro	Asp
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Asn	Thr	Leu	Arg	Trp	Lys	Val	Leu	Pro	Gly	Ile	Leu	Phe	Leu	Trp
				515					520					525
Gly	Leu	Phe	Leu	Leu	Gly	Cys	Gly	Leu	Ser	Leu	Ala	Thr	Ser	Gly
				530					535					540
Arg	Cys	Tyr	His	Leu	Arg	His	Lys	Val	Leu	Pro	Arg	Trp	Val	Trp
				545					550					555
Glu	Lys	Val	Pro	Asp	Pro	Ala	Asn	Ser	Ser	Ser	Gly	Gln	Pro	His
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Met	Glu	Gln	Val	Pro	Glu	Ala	Gln	Pro	Leu	Gly	Asp	Leu	Pro	Ile
				575					580					585
Leu	Glu	Val	Glu	Glu	Met	Glu	Pro	Pro	Pro	Val	Met	Glu	Ser	Ser
				590					595					600
Gln	Pro	Ala	Gln	Ala	Thr	Ala	Pro	Leu	Asp	Ser	Gly	Tyr	Glu	Lys
				605					610					615
His	Phe	Leu	Pro	Thr	Pro	Glu	Glu	Leu	Gly	Leu	Leu	Gly	Pro	Pro
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<212> PRT

<213> Mus musculus

<400> 2

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				20					25					30
Pro	Gly	Pro	Leu	Gln	Cys	Tyr	Ser	Val	Gly	Pro	Leu	Gly	Ile	Leu
				35					40					45
Asn	Cys	Ser	Trp	Glu	Pro	Leu	Gly	Asp	Leu	Glu	Thr	Pro	Pro	Val
				50					55					60
Leu	Tyr	His	Gln	Ser	Gln	Lys	Tyr	His	Pro	Asn	Arg	Val	Trp	Glu
				65					70					75
Val	Lys	Val	Pro	Ser	Lys	Gln	Ser	Trp	Val	Thr	Ile	Pro	Arg	Glu
				80					85					90
Gln	Phe	Thr	Met	Ala	Asp	Lys	Leu	Leu	Ile	Trp	Gly	Thr	Gln	Lys
				95					100					105
Gly	Arg	Pro	Leu	Trp	Ser	Ser	Val	Ser	Val	Asn	Leu	Glu	Thr	Gln
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Met	Lys	Pro	Asp	Thr	Pro	Gln	Ile	Phe	Ser	Gln	Val	Asp	Ile	Ser

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Glu Glu Ala Thr	Leu Glu Ala Thr Val	Gln Trp Ala Pro Pro	Val		
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Trp Pro Pro Gln	Lys Ala Leu Thr Cys	Gln Phe Arg Tyr Lys	Glu		
	155		160		165
Cys Gln Ala Glu	Ala Trp Thr Arg Leu	Glu Pro Gln Leu Lys	Thr		
	170		175		180
Asp Gly Leu Thr	Pro Val Glu Met Gln	Asn Leu Glu Pro Gly	Thr		
	185		190		195
Cys Tyr Gln Val	Ser Gly Arg Cys Gln	Val Glu Asn Gly Tyr	Pro		
	200		205		210
Trp Gly Glu Trp	Ser Ser Pro Leu Ser	Phe Gln Thr Pro Phe	Leu		
	215		220		225
Asp Pro Glu Asp	Val Trp Val Ser Gly	Thr Val Cys Glu Thr	Ser		
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Gly Lys Arg Ala	Ala Leu Leu Val Trp	Lys Asp Pro Arg Pro	Cys		
	245		250		255
Val Gln Val Thr	Tyr Thr Val Trp Phe	Gly Ala Gly Asp Ile	Thr		
	260		265		270
Thr Thr Gln Glu	Glu Val Pro Cys Cys	Lys Ser Pro Val Pro	Ala		
	275		280		285
Trp Met Glu Trp	Ala Val Val Ser Pro	Gly Asn Ser Thr Ser	Trp		
	290		295		300
Val Pro Pro Thr	Asn Leu Ser Leu Val	Cys Leu Ala Pro Glu	Ser		
	305		310		315
Ala Pro Cys Asp	Val Gly Val Ser Ser	Ala Asp Gly Ser Pro	Gly		
	320		325		330
Ile Lys Val Thr	Trp Lys Gln Gly Thr	Arg Lys Pro Leu Glu	Tyr		
	335		340		345
Val Val Asp Trp	Ala Gln Asp Gly Asp	Ser Leu Asp Lys Leu	Asn		
	350		355		360
Trp Thr Arg Leu	Pro Pro Gly Asn Leu	Ser Thr Leu Leu Pro	Gly		
	365		370		375
Glu Phe Lys Gly	Gly Val Pro Tyr Arg	Ile Thr Val Thr Ala	Val		
	380		385		390
Tyr Ser Gly Gly	Leu Ala Ala Ala Pro	Ser Val Trp Gly Phe	Arg		
	395		400		405
Glu Glu Leu Val	Pro Leu Ala Gly Pro	Ala Val Trp Arg Leu	Pro		
	410		415		420
Asp Asp Pro Pro	Gly Thr Pro Val Val	Ala Trp Gly Glu Val	Pro		
	425		430		435

Arg	His	Gln	Leu	Arg	Gly	Gln	Ala	Thr	His	Tyr	Thr	Phe	Cys	Ile
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Gln	Ser	Arg	Gly	Leu	Ser	Thr	Val	Cys	Arg	Asn	Val	Ser	Ser	Gln
				455					460					465
Thr	Gln	Thr	Ala	Thr	Leu	Pro	Asn	Leu	His	Ser	Gly	Ser	Phe	Lys
				470					475					480
Leu	Trp	Val	Thr	Val	Ser	Thr	Val	Ala	Gly	Gln	Gly	Pro	Pro	Gly
				485					490					495
Pro	Asp	Leu	Ser	Leu	His	Leu	Pro	Asp	Asn	Arg	Ile	Arg	Trp	Lys
				500					505					510
Ala	Leu	Pro	Trp	Phe	Leu	Ser	Leu	Trp	Gly	Leu	Leu	Leu	Met	Gly
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Cys	Gly	Leu	Ser	Leu	Ala	Ser	Thr	Arg	Cys	Leu	Gln	Ala	Arg	Cys
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Leu	His	Trp	Arg	His	Lys	Leu	Leu	Pro	Gln	Trp	Ile	Trp	Glu	Arg
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Val	Pro	Asp	Pro	Ala	Asn	Ser	Asn	Ser	Gly	Gln	Pro	Tyr	Ile	Lys
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Glu	Val	Ser	Leu	Pro	Gln	Pro	Pro	Lys	Asp	Gly	Pro	Ile	Leu	Glu
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Val	Glu	Glu	Val	Glu	Leu	Gln	Pro	Val	Val	Glu	Ser	Pro	Lys	Ala
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Ser	Ala	Pro	Ile	Tyr	Ser	Gly	Tyr	Glu	Lys	His	Phe	Leu	Pro	Thr
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